



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|---|-------------|----------------------|---------------------------------|-----------------------------|
| 10/621,934 | 07/17/2003 | Paul Anthony Ashley | AUS920020639US1 | 3072 |
| 63400 | 7590 | 06/11/2010 | | |
| IBM CORP. (DHJ) c/o DAVID H. JUDSON 15950 DALLAS PARKWAY SUITE 225 DALLAS, TX 75248 | | | EXAMINER HUSSAIN, TAUQIR | |
| | | | ART UNIT 2452 | PAPER NUMBER |
| | | | NOTIFICATION DATE 06/11/2010 | DELIVERY MODE ELECTRONIC |

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

mail@davidjudson.com

| | | | |
|------------------------------|--------------------------------------|--------------------------------------|--|
| Office Action Summary | Application No. 10/621,934 | Applicant(s) ASHLEY ET AL. | |
| | Examiner TAUQIR HUSSAIN | Art Unit 2452 | |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 06/06/2010.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-3,5-12,14-21 and 23-27 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-3,5-12,14-21 and 23-27 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Response to Amendment

1. This office action is in response to amendment /reconsideration filed on 03/06/2010, the amendment/reconsideration has been considered. Claims 28-30 has been newly added and therefore, claims 1-3, 5-12, 14-21 and 23-30 are pending for examination, the rejection cited as stated below.

Response to Arguments

2. Applicant's arguments, see remarks pages 10-18, filed 03/06/2010, with respect to the rejection(s) of claim(s) 1-3, 5-12, 14-21 and 23-27 under 35 U.S.C 103 have been fully considered and are persuasive. Therefore, the rejection has been withdrawn. However, upon further consideration, a new ground(s) of rejection is made in view of Beyda et al. (WO 02/03291 A1).

Claim Rejections - 35 USC § 101

3. 35 U.S.C. 101 reads as follows:

Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

4. As to claim 19-21 and 23-27, the claimed invention is directed to non-statutory subject matter. The claims are drawn to a "computer readable medium". The specification does not explicitly defines the meaning of the term. Thus, applying the broadest reasonable interpretation in light of the specification and taking onto account the meaning of words in their ordinary usage as they would be understood by one of the ordinary skill in the art (MPEP 2111), the claims as a whole covers both transitory and non-transitory media. A transitory medium does not fall into any of the four categories of

invention (process, machine, manufacture, or composition or matter). Applicant can overcome this rejection by introducing the term "non-transitory computer readable medium".

Claim Rejections - 35 USC § 102

5. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

6. Claims 1-3, 10-12 and 19-21 are rejected under 35 U.S.C. 102(b) as being anticipated by Beyda et al (WO 02/03291 A1), hereinafter "Beyda".

7. As to claims 1, 10 and 19, Beyda discloses the invention substantially, including, receiving a client message at a proxy server, wherein the set of parameters are configured by the user at the client (Beyda; Page.4, lines 3-11, user accessing a website located at cp.com containing an advertisement. Third party server is equivalent to a proxy server and set of parameters are e.g. ID=123 Domain=tp1.com);

Storing the set of parameters at the proxy server, wherein the parameters comprise domain identifiers associated with indications of whether to block transmission of cookies associated with the domain identifiers (Beyda; Page.4, lines 3-11, where database stores the user's unique ID /parameters and if the user seeks content from the website for which the third party also provides advertisement content, the third party will receive a previously written cookie e.g. (ID=123 Domain=tp1.com) with its unique ID

correlated to the user, further, determining whether to use previously used cookie is same as indications of whether to block transmission of cookies associated with domain identifier);

Receiving at the proxy server a response message from the server for the client (Beyda, Page.4, lines 12-19, where each HTTP call return the cookie associated with the third party server's domain);

Detecting at the proxy server a cookie associated with the response message (Beyda, Page.4, lines 12-19, where each HTTP call return the cookie associated with the third party server's domain);

Extracting from the response message a domain identifier associated with the server (Beyda, Page.4, lines 12-19, where identifying the referring website or domain is same as extracting a domain identifier);

Retrieving the set of parameters (Beyda, Page.4, Lines 3-11, set of parameters are e.g. ID=123 Domain=tp1.com);

Processing the cookie at the proxy server in accordance with the retrieved set of parameters and the extracted domain identifier (Beyda; Page.4, lines 3-11, where database stores the user's unique ID /parameters and if the user seeks content from the website for which the third party also provides advertisement content, the third party will receive a previously written cookie e.g. (ID=123 Domain=tp1.com) with its unique ID correlated to the user, further, determining whether to use previously used cookie is same as indications of whether to block transmission of cookies associated with domain identifier).

8. As to claim 2, 11 and 20, Beyda discloses the invention substantially as in the parent claims 1, 10 and 19, including, in response to a determination that the set of parameters contains the extracted domain identifier, blocking the cookie from transmission from the proxy server to the client ((Beyda; Page.4, lines 3-11, where database stores the user's unique ID /parameters and if the user seeks content from the website for which the third party also provides advertisement content, the third party will receive a previously written cookie e.g. (ID=123 Domain=tp1.com) with its unique ID correlated to the user, further, determining whether to use previously used cookie is same as indications of whether to block transmission of cookies associated with domain identifier));

 caching the cookie at the proxy server (Beyda, Page.23, lines 4-11, where third party server receives the privacy server request along with cookie which is cached at proxy); and

 sending a modified response message to the client (Beyda, Page.23, lines 10-16, where user receives the modified image or pointer from privacy server resource).

9. As to claim 3, 12 and 21, carry similar limitations as claim 2, 11 and 20 above and therefore is rejected under for same rationale.

Claim Rejections - 35 USC § 103

10. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the

Art Unit: 2452

invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

11. Claims 5-9, 14-18 and 23-27 are rejected under 35 U.S.C. 103(a) as being unpatentable over Beyda et al (WO 02/03291 A1), hereinafter "Beyda" in view of Lee et al. (Pub. No.: US 2002/0178381 A1), hereinafter "Lee".

12. As to claim 5, 14 and 23, Beyda discloses the invention substantially as in the parent claims 1, 10 and 19 above. Beyda however is silent on explicitly disclosing, determining, prior to processing the cookie at the proxy server in accordance with the retrieved set of parameters and the extracted domain identifier, if the set of parameters contains an indication that the user has enabled cookie processing by the proxy server.

Lee however discloses a similar concept as, determining, prior to processing the cookie at the proxy server in accordance with the retrieved set of parameters and the extracted domain identifier, if the set of parameters contains an indication that the user has enabled cookie processing by the proxy server (Lee, Abstract, Upon receipt of the response from the target server, the proxy server scans the response, which includes any attachments, for undesirable content, such as junk e-mails, computer viruses, pornographic material, and/or other undesirable content. The proxy server then acts upon the response, and any undesirable content, in accordance with default or user-defined parameters, such as removal of the undesirable content.).

Therefore, it would have been obvious to one of the ordinary skilled in the art at the time the invention was made to combine the teachings of Beyda with the teaching of Lee in order to provide a information analysis and screening using a computer, and, specifically, to configurations and methods for intercepting and removing undesirable

Art Unit: 2452

content from transmitted media, such as junk electronic mail, pornographic material, and computer viruses.

13. As to claim 6, 15 and 24, are rejected under for same rationale as applied to parent claims 1, 10, 19 and claims 5, 14 and 23 above.

14. As to claim 7, 16 and 25, Beyda and Lee discloses the invention substantially as in the parent claims 1, 10 and 19, including, wherein the first identifier is selecting during an authentication operation (Lee, [0096], the proxy module, via the gateway device, establishes a session with the proxy server with authentication. In one example, the session may be established using SOCKS4, SSL, a proprietary session protocol, or some other session protocol. The authentication may be made using any authentication technique).

15. As to claim 8, 17 and 26, carry similar limitations as claims 6, 15 and 24 above and therefore is rejected under for same rationale.

16. As to claim 9, 18 and 27, Beyda and Lee discloses the invention substantially as in the parent claims 1, 10 and 19, including, wherein identifiers that are associated with sets of parameters are chosen from a group comprising a type of client device or a client location (Lee, [0020], The proxy server then processes the response, and any undesirable content, in accordance with default or user-defined parameters, such as removal of the undesirable content. The proxy server may then send no response, the response, as modified, or a notification message to the user therefore, it is obvious that

each user computer will have different setting which defines the type of user e.g. minor at home, employee at work etc.).

Allowable Subject Matter

17. The following is a statement of reasons for the indication of allowable subject matter:

18. Claims 28-30 are allowed.

19. Regarding claim 28, cited references alone or in combination along with other limitations does not disclose “serving the response message from the proxy server to the client if the extracted domain identifier is on the list of non-filtered domains;

if the extracted domain identifier is not on the list of non-filtered domains but is on the list of filtered domains, caching the cookie and forwarding a modified response message from the proxy server to the client; and

if the extracted domain identifier is not on the list of non-filtered domains and is not on the list of filtered domains, prompting the user to enter a parameter for the extracted domain identifier, and adding that parameter to the set of parameters.”

20. Claims 29-30 further limits the independent claims 28 and therefore are allowed.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled “Comments on Statement of Reasons for Allowance.”

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to TAUQIR HUSSAIN whose telephone number is (571)270-1247. The examiner can normally be reached on 7:30 AM to 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thu Nguyen can be reached on 571 272 6967. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/T. H./
Examiner, Art Unit 2452

/DOHM CHANKONG/
Primary Examiner, Art Unit 2452